

Purchase Order Receipt Listing

Monday, September 18, 2017 10:27:11 AM

All Vendors PO ID PO37615 Receipt Dates from 9/15/2017 to 9/15/2017 All Line Item Types
 All Item ID/GL/WOs All Rec. Employees All Currencies
 Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID	Vendor Name	VU-MET002	A.M. Castle & Co. (Canada) Inc.- C/O 910720								
PO37615	1	M7075T6S1.250X2.7 f			9/18/2017	9/15/2017	24.0000		0.0000	0	\$0.00
		50	1,230 285 DAS								
USD	No	M7075T6S1.250" f	5	48.0000	PLOU01		0.0000		0.0000	0	
		X2.750" CUT FROM PLATE	9-89								
		ml38532									
		71401-45									
	2	PROCUREMENT									
	No	QUALITY									
		CLAUSES									
		ml38532									
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											
24.0000											

All amounts are calculated in domestic currency.

INTERORG TRANSFER
PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 2

Shipment No:3378732

Ship From: A. M. CASTLE & CO. 4175 ROYAL DRIVE SUITE 600 KENNESAW, GA 30144 USA	Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	Ship To: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN CA	Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA				
Date Shipped 08-SEP-17	F.O.B. ORIGIN	Freight Terms Prepaid	Carrier ABF				
Shipment Details							
Final Destination Branch - TOR							
Order No 4874155	Line No 1	Item No 752114.MO	Description 1.2500.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2 SIDED TO 2.75 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12				
<p>ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY</p> <p>ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S</p> <p>Email P/s and certs to: clavoie@dartaero.com</p>							
Purchase Order No 37615	Part Number	Ordered Qty 2.00 PCS	Invoice Qty 2.00 PCS				
<p>ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY</p> <p>ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S</p> <p>Email P/s and certs to: clavoie@dartaero.com</p> <p>END USER: DART AEROSPACE</p> <p>END USE: COMMERCIAL AIRCRAFT PARTS</p>							
Delivery No. 121300950	Mill/Source CONSTITELLUM ROLLED PRODUCTS	Heat Number DAS  5-88	Mech Id 2	PCS ✓	Width (IN) 19.3823.41	Length (IN) 102.8254	Shipped Qty(LBS) 102.8254

INTERORG TRANSFER
PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 2 of 2

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description for credit. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Casille & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date: Name:



Q19918

33-8-2-

Constellium

Accredited
Nadcap
Materials Testing Laboratory

CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

S
H
I
P
T
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A M CASTLE & COMPANY
4175 ROYAL DRIVE
KENNESAW GA
30144
US

S
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D
T
O

A M CASTLE

1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

A M CASTLE		110502703	4075	INCLUSION	Serial: 20170220-0110502703	Pg 1 of 2		
CUSTOMER PURCHASE ORDER NO. & ITEM 410933				Constellium ORDER NO. 196570				
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.25000 in 31.75 mm	WIDTH 48.50000 in 1,232 mm	LENGTH 144.50000 in 3,670 mm	<p>CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. Box 68 RAVENSWOOD, WV 26164 USA</p> <p><i>Steve Good</i></p> <p>Steve Good - Laboratory Manager</p>		
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH								
CUSTOMER SPECIFICATION AMS 4045K								
PART NUMBER 752114		B/L NUMBER 75896		DATE SHIPPED 02/21/2017				
WT. SHIPPED 2670.000 LB	NO. OF PIECES 000003	GOVT. CONTRACT NO.						
ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS: ASTM B594 REV 18 2013 100% SONIC W/ 0.125" DEADZONE Class A AMS QQ-A-250/12A AMS-STD-2134A 2012 TYPE 1 CLASS A 100% SONIC MINUS DEADZONE ASTM B209-14 BSS-7055B 2013 CLASS A 100% SONIC TESTED MINUS DEADZONE CMMP025 REV U CSI006 REV E 2011 CLASS A 100% SONIC MINUS DEADZONE DPS 4 713 REV AK 2012 CI ASS A 100% SONIC MINUS DEADZONE GAMPS 9101 REV B 2006 CLASS A 100% SONIC MINUS DEADZONE PS 21211P 2010 CLASS A 100% SONIC MINUS DEADZONE								
Load Details								
Package	Net Lbs	Kg	Lot:	Piece	Serial	Parent Lot		
1001453411	890.000	403.697	9382341	01				
1001453411	890.000	403.697	9382341	02				
1001453411	5	890.000	9382341	03				
Lot: 9382341 9-89								
Tensile - Room Temperature (US)								
Direction	Tests	Ultimate (KSI)		Yield (KSI)		Elongation (%)		Report
		Min	Max	Min	Max	Min	Max	
LT	02	81.3	81.6	71.5	71.8	13.0	13.0	-

Constellium



CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

S
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T
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A M CASTLE & COMPANY
4175 ROYAL DRIVE
KENNESAW GA
30144
US

S
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D
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O

A M CASTLE

1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

A M CASTLE		110502703	4075	INCLUSION	Serial:20170220-0110502703	Pg 2 of 2																									
CUSTOMER PURCHASE ORDER NO. & ITEM 410933				Constellium ORDER NO. 196570		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 858 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager																									
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.25000 in 31.75 mm	WIDTH 48.50000 in 1,232 mm	LENGTH 144.50000 in 3,670 mm																										
ITEM ORDERED SPEC PLATE SAWED MILL FINISH																															
CUSTOMER SPECIFICATION AMS 4045K																															
PART NUMBER 752114		B/L NUMBER 75896		DATE SHIPPED 02/21/2017																											
WT. SHIPPED 2670 000 LB		NO. OF PIECES 000003		GOVT. CONTRACT NO.																											
Tensile - Room Temperature (SI) <table border="1"> <thead> <tr> <th colspan="3">Ultimate (N/MM2)</th> <th colspan="2">Yield (N/MM2)</th> <th colspan="2">Elongation (%)</th> <th>Report</th> </tr> <tr> <th>Direction</th> <th>Tests</th> <th>Min</th> <th>Max</th> <th>Min</th> <th>Max</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>LT</td> <td>02</td> <td>561</td> <td>563</td> <td>493</td> <td>495</td> <td>13.0</td> <td>13.0</td> </tr> </tbody> </table>								Ultimate (N/MM2)			Yield (N/MM2)		Elongation (%)		Report	Direction	Tests	Min	Max	Min	Max	Min	Max	LT	02	561	563	493	495	13.0	13.0
Ultimate (N/MM2)			Yield (N/MM2)		Elongation (%)		Report																								
Direction	Tests	Min	Max	Min	Max	Min	Max																								
LT	02	561	563	493	495	13.0	13.0																								
Chemistry (Actual) <table border="1"> <thead> <tr> <th></th> <th>Si</th> <th>Fe</th> <th>Cu</th> <th>Mn</th> <th>Mg</th> <th>Cr</th> <th>Zn</th> <th>Ti</th> <th>Zr</th> </tr> </thead> <tbody> <tr> <td>Core</td> <td>0.06</td> <td>0.17</td> <td>1.52</td> <td>0.03</td> <td>2.58</td> <td>0.21</td> <td>5.58</td> <td>0.04</td> <td>0.01</td> </tr> </tbody> </table>									Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Zr	Core	0.06	0.17	1.52	0.03	2.58	0.21	5.58	0.04	0.01				
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Zr																						
Core	0.06	0.17	1.52	0.03	2.58	0.21	5.58	0.04	0.01																						
OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																															
All material contained in this lot was cast and manufactured in the USA																															
QUALITY TEXTS: AMC CA 15403A R 7																															
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. CHEMISTRY BY OES: ARKSPARK CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399 WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557 DUNS Number: 090570149; CAGE Code: 1YWL9 Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product. "END OF CERTIFICATION"																															

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 170757651,250X2,760
 DATE: SEP 19 2017

PO / BATCH NO.: 037615/M138632

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1,250 X 2,760
 THICKNESS RECEIVED: 1,230 X 2,85
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<u>Ams QG A 250/12</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<u>H7 # 9382341</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<u>7075768</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>5</u>	SIGNED OFF BY: _____
DATE: <u>SEP 19 2017 9-89</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12

OR
AMS 4045
OR ASTM B209

5

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

△ PART NUMBER: M7075T6S |TTT| X |W|WWW|

WHERE "TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE:
.TTT BY 4FT BY 10FT FOR SHEET

APPROVED
D

RELEASED
2017 JUN 19 q
ECN 17-574

B	ADD REF TO "PLATE" T651 TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CART-149)	CP	17.05.05
A	NEW ISSUE	RF	10.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	CP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	DRAWING NO.	
MFG. APPR.	LL	M7075T6S	
APPROVED	WM	TITLE	
DE APPR.	DS	7075-T6 SHEET/PLATE SPEC	
DATE	17.05.05	SCALE NTS	

REVIEW SHEET 1 OF 1
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NOT TO BE COPIED OR ANY PORTION OR COMBINATION THEREOF IS NOT TO BE COMMUNICATED TO ANY OTHER PERSON WITHOUT
THE WRITTEN APPROVAL OF DART AEROSPACE LTD

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12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37615**

Purchase Order Date 8/30/2017
PO Print Date 9/5/2017

Page Number 1 of 2

Order From : VU-MET002

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W 0E9
CANADA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA



REJIS ED

Contact Name

Buyer Diane Baker

Vendor Phone

Customer POID

Ship To Contact

Customer Tax # 10127-2607

Ship To Phone

Terms Net 30

Ship Via: Yours ppd

Currency USD

Ship Acct:

FOB Destination-Collect

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M7075T6S1.250X2.750	M7075T6S1.250" X2.750" CUT FROM PLATE	Promise Date 9/13/2017	Yes 9/13/2017	48.00 f	\$26.60	\$1,276.80

MAT'L 7075-T6/T62 ALUMINUM SHEET
SPEC'S QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR PER ASTM B209

MAT'L 7075-T6/T62 ALCLAD ALUMINUM SHEET
SPEC'S QQ-A-250/13 OR AMS-QQ-A-250/13 OR AMS 4049 OR PER ASTM B209

Rec'd 24 F.

2	71401-45	PROCUREMENT QUALITY CLAUSES	9/13/2017	1.00 /	\$0.00	\$0.00
		Procurement Quality Clauses A005 right of entry A012 chemical and physical test report A016 personnel qualification A017 raw material identification (as applicable) A026 certification of material conformance A041 quality management system A042 dart notification by supplier A043 retention of quality documents	No 9/13/2017		<i>Sep 9/18</i>	

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37615**

Purchase Order Date 8/30/2017
PO Print Date 9/5/2017

Page Number 2 of 2

Order From : VU-MET002

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone

Ship To Contact
Ship To Phone
Ship Via: Yours ppd
Ship Acct:

Buyer Diane Baker
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Total: \$0.00

PO Total: \$1,276.80

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 3

Change Date: 9/5/2017

Chantal Lavoie

From: Desbiens, Marc <mdesbien@amcastle.com>
Sent: Wednesday, August 30, 2017 11:24 AM
To: Chantal Lavoie
Subject: RE: QUOTE

Good Morning Chantal,

price an delivery on mat'l.

7075-t6 bar or plate 1.250" x 2.750" x 20 ft

plate \$ 26.60 Ft



w/H J-J +J-L

to order.

Thanks

7075t6\$

m7075t6s

Marc Desbiens
Inside sales representative
Castle Metals, Montreal, QC
Direct line 514-795-8176
1-800-806-6660 ext 52226
Fax # 1-855-892-6370
Customized Supply Chain Solutions for Your Metal Needs

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Chantal Lavoie

From: Jean Francois Sauve
Sent: Tuesday, August 29, 2017 12:09 PM
To: Chantal Lavoie
Subject: Mat'l Require for 651.7500

Allo Chantal,

J'aurais besoin du mat'l suivant pour des nouvelle pièces que nous devons faire pour Apical.

- M7075T6S1.250X2.750 Qty. : 20 pieds min. ***en longueur de 10 ou 12 pied ***

Le mat'l est déjà dans le système sous M7075T6B1.250X2.750.

Peux-tu me confirmer lorsque se sera commandé svp.

Merci!

JEAN-FRANÇOIS SAUVÉ
Production Engineering Coordinator

DART AEROSPACE
T 1 613 632-5200 > 237
F 1 613 632-5246
1 800 556- 4166
www.dartaerospace.com

~~6061-T6 B1" X 16"~~
~~X 8 ft~~



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